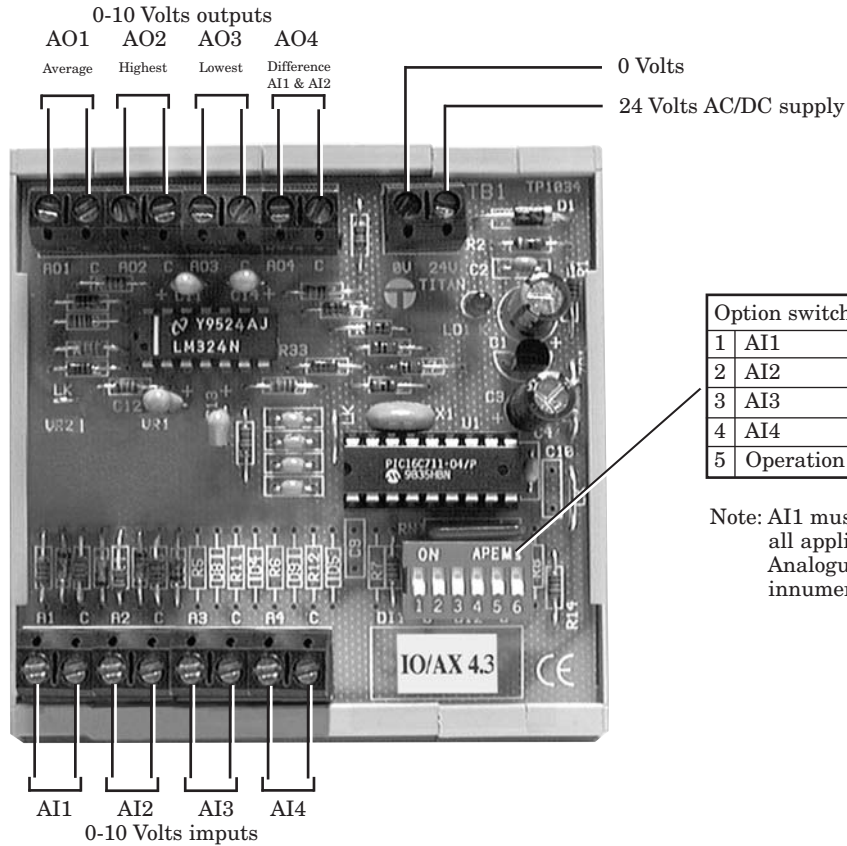


## ANALOGUE OUTPUT MODULE:- IO/AX 4.3 Average, Priority & Differential



Option switch	Off	On
1 AI1	see note	used
2 AI2	not used	used
3 AI3	not used	used
4 AI4	not used	used
5 Operation	0-10	2-10

Note: AI1 must be used in all applications.  
Analogue inputs must be used innumerical order AI1 to 4.

### DESCRIPTION

The IO/AX 4.3 is a multifunction analogue output module that is designed to convert up to 4 x 0-10 Volt input signals to a variety of 0-10 Volt outputs that can be used for priority signaling, averaging and differential measurement. The inputs and outputs can be selected to operate on 0-10 Volts or 2-10 Volts if required. Outputs provided are as follows:-

- Average of Inputs 1,2,3 or 4 to output AO1
- Highest of Input 1,2,3 or 4 to output AO2 (priority signaling)
- Lowest of Input 1,2,3 or 4 to output AO3 (priority signaling)
- Differential of Inputs 1 & 2 to output AO4 equal to the differential value.

### FEATURES

- \* Microprocessor Based
- \* 24 Volts AC or DC Supply
- \* Operation can be 0-10 or 2-10 Volts
- \* LED Power ON indication
- \* DIN Rail Mounting

### SPECIFICATION

Input	4 x 0-10 Volt or 2-10 Volt
Output	4 x 0-10 Volt or 2-10 Volts (rated 5mA each) see diagram for AO configuration
Power Supply	24 Volts AC or DC ( $\pm 15\%$ )
Power Consumption	25mA (max.)
Settings & Options	See table for selections
Terminals	Max. cable size 1.0mm
Operating Temp	0 to +50°C
Dimensions	82mm High 80mm Wide 45mm Deep
Mounting	DIN Rail
Order Code	IO/AX4.3



Measurement Devices for Control Systems

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